MEDICAL IMAGING
CSO Customer Support Operations

Technical Documentation

Order No.: DD+DIS121.01E

1 Piece UOHYV MA1

ADC Compact
Type 5145/100/101/140

Path Speed CR MP3010
Type 5145/200/201/240

Installation Instructions for Software COP_1308

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printed in Germany **07 / 2001**

1 General

The Upgrade to COP_1308 is a must Modification!

It is not recommended to install COP_1308 together with 3COM 3300 Superstack II Ethernet Switch – even it is supported!

The digitizer ADC Compact shows a lots of retransmissions when setup in a network using a 3COM 3300 Superstack II Ethernet Switch and a Sun workstation (VIPS).

Sometimes the net.prg retransmits packets which the Sun workstation did not accept. This results in a TCP connection break down which is shown on the ADC Compact as a “VIPS not ready” message.

1.1 Hardware Requirements

VME – Rack:

- 33 MHz Gemini Board
- EEPROM Mon 4.26
- 32 MB MEMORY Board
- BER – Board with Ethernet
- SCB, Scan-Ctrl-Board, Revision 0.
- SAB, Scan-Acquisition-Board, Revision 0.
- Adapter Board, Revision 0.
- Floppy (no SCSI)
- 1.2 GByte SCSI hard disk
- only 'new' stepper motor boards GS-IOB-SIN-STEP (F8.9499.8100.0) are supported

1.2 Software Requirements

COP_1308 supports the new option **Fast Preview (Precheck)**.

Requirements for this option:

- PRID 1.2.07 installed on the PRID -Station
- Fast Preview license switched on

For detailed information on Fast Preview see DD+DIS081.01E.

Recommended software configuration:
(required for Fast Preview and/or Mammo Cassettes).

Configuration	Preview and ID-Station	Processing-Device
ADC-Compact Connected to **VIPS** Connected to **Preview & ID-Stations**	> PRID1.2.07	≥ VIPS1.0.0.9

For the option Fast Preview CCM tool version 1.1.06 is needed.

1.3 Order Number:

CM+9.5145.1050.5

1.4 Scope of Delivery

- COP_1308
  4 floppy disks, (1 x “HD formatter' floppy” (boot floppy) , 3 x application program floppies)
- 1 floppy Language files LNG 1.005 for PRID ≥ 1.1.05
- 1 empty floppy disk
- 1 upgrade instruction (DD+DIS160.01E)

Due to wrong usage, from now on the boot floppy is named "HD formatter floppy".

2 Installation

2.1 Upgrade to COP_1308 (Normal Upgrade Procedure)

Do not use the HD formatter (boot floppy)! The machine specific data would be erased and the info counters would be corrupted.

- Make a new backup of the machine specific data.
- Select

  `<Service Menu>`
  `<Install from floppy>`
  `<Software>`
- Follow the online instructions.

2.2 Exchange of the Hard Disk

Procedure to install COP_1308 on a virgin Hard Disk

- Take the boot floppy of COP_1308 and insert it into the disk drive of ADC-Compact
- Disconnect ADC-Compact from the network (since a default IP-Address & hostname is configured).
- Press the Reset button on ADC-Compact
- Wait until you get the final message on a terminal connected to the service RS232 port or wait until control LED of floppy disk drive is off.

- Insert the first floppy of the COP_1308 Release Disks into the disk drive of ADC-Compact
- Press the Reset button of ADC-Compact
- Wait until you get the final message on a terminal connected to the service RS232 port or wait until control LED of floppy disk drive is off.

- Proceed in the same way with the second and the third Release Disk.

- In case of an already installed device , restore the device specific parameters by the following guidelines of the Service Menu Topic *Install from floppy, Machine specific data.* **Without restoring the device specific parameters, an operation is not possible.**

Do not forget to restore the test images from CDROM CM+9.5145.1055.0. after the restore procedure.

- In case of a brand new configuration parse the CPF-File using the guidelines of the Service Menu Topic *Install from floppy, CPF- File,* displayed on the user interface.
- Reconnect ADC-Compact to the network.

3 Configuration of Fast Preview (Option)

For the configuration of the option Fast Preview, see DD+DIS081.01E.

4 What is New in COP_1308

- Fast Preview is supported.
- 3COM 3300 Superstack II Ethernet Switch is supported. (installation not recommended)
- Mammo Cassettes are supported.
- Scan size 21cm x 43cm (asymmetric scanning) is supported.
- The advanced robots for the prescan- and postscan transport unit are supported.
- In Full Leg/Full Spine mode, the scan area has been improved.
- ADC Compact is able to handle hard disks > 2Gbytes
- Monthly report in the infocounters (cycles per month)
- Vacuum pump failure is detected now by a timeout that is activated when the IP has not been moved into the scanner after a fixed time.

5 Known Bugs in COP_1308

- Under very special circumstances the info counter contents can be lost when the device is switched off during operation.
- In case of reinstalling an older version after COP_1308 was already running, the files ICN.DAT and ICN_1001.DAT either have to be erased manually (loss of all info counter entries) or the previous machine specific data have to be restored.
- Sporadically error 22A72 "Suction arm drive on transport prescan module hangs" occurs.
- During the warm-up of the laser it is not possible to erase cassettes.
- If ten folders are in status "error", these files have to be erased manually via key operator mode before the system accepts new cassettes.

6 Important Remarks

To avoid any formatting, the ‚format' program is delivered no more. 'format' would cause a complete loss of the test images.